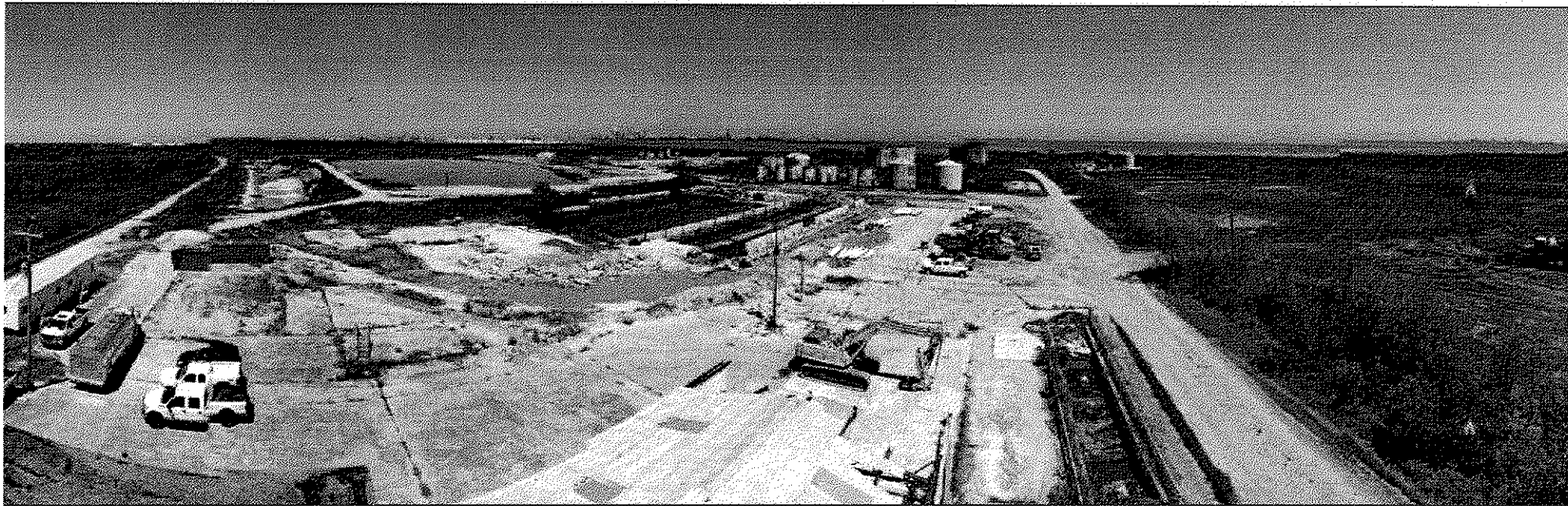
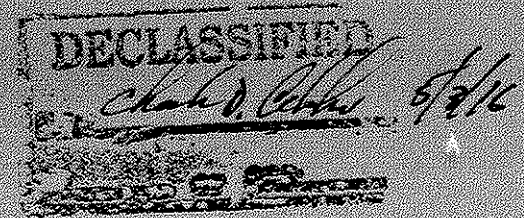


MALONE SERVICE COMPANY SUPERFUND SITE, TEXAS CITY, TEXAS
MALONE COOPERATING PARTIES – PHASE TWO RD/RA ACTIVITIES



**Weekly Phase Two RD/RA Report
Prepared for EPA and TCEQ**



(November 16 – November 20, 2015)

Draft, for discussion purposes only

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9639061

Project Coordination/Construction Management Activities

Accomplishments (week of 11/16)

- Continued injection of contact stormwater under EPA ER
- Operated WDW138 overnight throughout the week and WDW73 during working hours
- ESD UPDATE:** Awaiting State UIC Memo and final authorization from Division Director. 30 day comment period once authorized. Emergency Response extension to December 31, 2015.

Materials Summary

	This Week	Total
Approximate Contaminated Soil Excavated (CY)	500	48,840
Solidified Waste (CY)	0	44,453

Field Activities

Water Management

- 1 3/10 inches of rain this week**
- Borrow Area water discharged to Swan Lake
- Pump contact water to APIs

Injection Wells – 654,000 gallons of Contact water injection through both wells under EPA ER. ERM operates both wells.

WDW-138: 75-78 gpm with highest injection pressure of 989 psi.

WDW-73: 75 -80 gpm with highest injection pressure of 1190.

Solidification

- None

Contaminated Soil Excavation

- Cemetery Area excavation completed. Approximately 500 cy over estimate

Landfill

- Rain has delayed liner installation
- Once Phase 1 is dry and final grading and erosion repairs are completed and final densities/moisture tests meets specs, liner install will begin (2-3 weeks).
- Delivery /staging of landfill materials is ongoing

Pre-Treatment System

- System will be used as needed during high pH or increased sediment conditions

Other

- Daily air monitoring and water truck usage for dust suppression

Project Coordination/Construction Management Activities

Upcoming Project Activities

- Continue to operate injection wells through EPA ER until December 31st
- Support EPA effort to hold Public Meeting in Texas City in November timeframe. Fact sheets and posters provide to EPA.
- Evaluate options to continue work during period with higher than average rainfall.

Upcoming Field Activities

- Continue injection of contact water under EPA ER
- Disking and drying of Phase 1 RCRA C Cell
- Repairs to final grading of RCRA C landfill subgrade
- Excavate final leachate trenches
- Excavate liner anchor trenches
- Installation of liner components
- Delivery and staging of RCRA Cell materials
- Site visits by IQAT (EnSafe)
- Continue Sludge Pond and Oil Pit solidification
- Temporary spray cover field pilot activities

Dozers grading in Phase 1 of RCRA Cell. Plastic sheeting placed as test area for reducing water infiltration into placed clay.



Dozers back dragging to promote drying and adjusting final grade in Phase 1 RCRA Cell.



Spray liner product placed on northeast levee of Phase 1 RCRA Cell as test area for reduced erosion on slopes. Note that water is flowing and not soaking in.



Over excavation of Cemetery Area soils. Excavation is now complete and approximately 500 cy of soil was removed over the initial 18,340cy estimated volume.

